



Företagsintern

Promemoria (PM)

DokumentID	Version	Status	Reg nr	Sida
-	0.1	Preliminärt		1 (2)
Författare			Datum	
Bengt Leijon			2011-12-02	
Kvalitetssäkrad av			Kvalitetssäkrad datum	
Godkänd av			Godkänd datum	

Visit by NEA-IRT delegates to Forsmark, dec 14th 2011 Program

Visitors

NEA-IRT: Prof Simon Löw
Dr Tomochika Tokunaga
SSM: Georg Lindgren

Participants from SKB

Olle Olsson
Bengt Leijon
Mike Stephens
Sven Follin
Derek Martin
Ignasi Puigdomenech
Liisa Wikström

Program

- 7.30 Car travel from Stockholm to Forsmark
- 9.30 Arrival to Forsmark, Vega Building, welcome and coffee
- 9.45 Presentations, with time for questions:
Introduction to Forsmark and to the site investigation Bengt Leijon
Bedrock geology – data collection and current understanding Mike Stephens
Hydrogeology – data collection and current understanding Sven Follin
Rock mechanics – data collection and current understanding Derek Martin
- 11.15 Tour at the Forsmark site, with stops at selected outcrops and drill sites
- 13.00 Lunch at Forsmark Inn
- 14-00 Visit to SKB's core shelter, where representative core sections can be studied
- 14.30 Return to Vega building, coffee, concluding discussion
- 15.30 Car travel back to Stockholm, estimated arrival time 18.00

Issues for discussion at Forsmark, Hydrogeology questions (integrated in presentations above)

- Hydraulic properties of fractures and fracture systems under the boundary conditions of today and in the future.
- Future changes of these hydraulic fracture properties (and related groundwater flow) in response to changes in /mechanical/ boundary conditions (i.e. stresses, strains)
- inflow predictions, data supporting transmissivity of reactivated fractures
- selection of excavation method (drill and blast, TBM excavation...) and the underground site characterization program.